

# PROVA-SEAL™

**PROVA**® by **md** PRO  
Tile Installation Products

**PROVA-SEAL™ Sealing and Bonding Compound** is a single-component, premium hybrid silicone sealant. **PROVA-SEAL™** can be used to waterproof pipe and valve protrusions in **PROVA®** shower systems and is for use with **PROVA BOARD® PLUS**. **PROVA-SEAL™** is required to bond and seal the components of **PROVA®** shower systems. **PROVA-SEAL™** can be used to bond to building elements such as bathtubs, windows, and doorframes. **PROVA BOARD® PLUS** can be attached with **PROVA-SEAL™** in various applications, such as countertops, partitions, and other building elements. Once cured, **PROVA-SEAL™** provides a watertight, flexible seal. The cured product will not crack, crumble, or shrink, and it adheres to most common construction materials: wood, metal, vinyl siding, masonry, concrete, brick, tile, plastic, drywall/plaster, glass, and painted surfaces. Once applied, **PROVA-SEAL™** can be painted in 30 minutes and exposed to water in one hour.

## Suggested Uses (Caulks and Seals Cracks, Joints, and Seams)

- PROVA® shower systems
- Sinks and counters
- Hardboard and flashing
- Penetrations

## Suggested Substrates

- Masonry
- Brick
- PVC
- Concrete
- Marble
- PROVA® shower system components
- Porcelain
- Ceramic tile
- Metals (stainless steel, copper, galvanized, and aluminum)
- Wood
- Glass

## Performance Characteristics

- Meets ASTM specification C-920, Type-S, NS Class 25, use NT, M, G, A, and O
- Meets Fed. Spec. TT-S-00230C and TT-S-001543A
- Provides a flexible, durable, and air-tight waterproof seal
- Paintable
- Useable in interior/exterior applications

## Surface Preparation

- For best results, surfaces should be dry. However, **PROVA-SEAL™** may be applied over slightly damp substrates. Do not apply over standing or running water. Substrates should be free of dirt, dust, oil, mildew, loose paint, old caulk, or other contaminants.
- Only apply when sealant surface and air temperature are above 40°F (4°C) and rising
- Do not apply on surfaces that exceed 100°F (38°C) or when rain is expected



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# PROVA-SEAL™



## Application

- Remove nozzle, cut tip off threaded part of tube, replace nozzle, and cut nozzle at a 45° angle to create a 1/4" (6 mm) opening
- Apply PROVA-SEAL™ to all joints, inside corners, butt joints, and seams
- Apply a 3/8" x 3/8" (10 mm x 10 mm) bead of PROVA-SEAL™
- Once PROVA-SEAL™ is applied, use a small trowel or putty knife to produce a smooth, flat surface. Do not work the bead too much.
- Apply PROVA-SEAL™ to all joints to ensure there are no air voids.
- Remove uncured material immediately by wiping or by using mineral spirits or other cleaning agents.
  - Use masking tape to prevent PROVA-SEAL™ from bonding to adjoining areas or porous areas that are not to be sealed. Remove tape immediately after product has been tooled.
  - Fully cured material can only be removed by mechanical methods.
- Allow 30 minutes prior to painting and 1 hour before exposure to water.
- Allow 24 hours for sealant to cure.
- Reseal for reuse.
- Test for compatibility with different paints and substrates prior to use.

## Physical and Chemical Characteristics

Vehicle	STP-E hybrid
Color	White
VOC CARB (chemically curing product)	< 3.0 wt%
VOC (excluding water and exempt compounds)	<42 g/L
Density	1.4
Service temperature	-45°F to 155°F (-43°C to 68°C )
Temperature application range	40°F to 100°F (4°C to 38°C )
Dynamic joint movement	50% (+-25%)
Consistency	5-15 grams per second (non-sag)
Shelf life	18 months
Coverage	52 linear feet with 3/16" (5 mm) bead
Tooling time	15 minutes
Skin-forming time	30 minutes

\* Does not contain any isocyanates, phthalates, or dibutyl tin compounds.

## Limitations

- Not intended for areas that will be continually submerged in water
- Do not use on surfaces that come in contact with food
- Do not use in aquariums
- Keep out of reach of children

## Safety

- See Material Safety Data Sheet for safety information or product label

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